

**RISE Information Form**

US EPA RECORDS CENTER REGION 5



427356

Date: 3 October 1995

Site Coordinator/Name and Phone #: Ali Moazed  
Ohio EPA, Site Coordinator  
(419) 373-3043

Site Reported By: Ohio EPA

Site Name: Mansfield City Dump

CERCLIS ID #: not assigned

Ohio EPA ID #: 370-1270

Site Location: Cairns Road/ Mansfield/ Richland County/ Ohio

Site Owner/Name and Phone #: City of Mansfield  
Jim Lichtenwalder, City Engineer  
(419) 755-9702

Suspect Natural Resources Damage: Y ☒ NOperation Status: Active ☐ Inactive ☒

Type of Operation and Waste: Landfill (see attached narrative)

Anticipated Site Recon./Sampling dates: November/December 1995

Priority: High ☒ Low ☐

Site Assessment Involvement: Y N

Date of Decision:

Prepared By: Ali M. Moazed

### **Mansfield City Dump Narrative**

The records concerning the history of the Mansfield City Dump are incomplete. As a result, there isn't a lot of information to use in examining this site. Some of the information contained in this narrative came from a telephone conversation with Jim Lichtenwalder, a City of Mansfield engineer, who has worked for the City of Mansfield for over 30 years.

The Mansfield City Dump is located on Cairns Road across from the Richland County Landfill (currently undergoing closure). The dump began operations in the 1950's and closed approximately in 1970. The dump is on 45 acres of property. An additional 10 acres of property were purchased to the south of the dump when it closed as a means of "controlling" the leachate problems that existed at the dump. There are a number of homes located very close to the dump that have private wells. Preliminary sampling of the household wells by the local health department indicate low levels of VOC contamination (whether the contamination is coming from the Richland County Landfill or the Mansfield City Dump is uncertain).

No records were found that indicate what types of wastes were disposed at the site. However, it can be assumed that all types of waste were disposed at this dump, as was often the practice during those times. Records do indicate that open dumping and burning were common practices. Mr. Lichtenwalder stated that a smoldering fire burned for several years after the dump closed.

On February 6, 1991, Todd Kelleher, Steve Snyder and Mike Beal, all from Ohio EPA, along with Joe Evans from the Richland County Health Department, walked a portion of the site. A good amount of waste was exposed, primarily large metal wastes (appliances and factory equipment). Approximately 50 barrels, most of which were rusted out, were also visible. Some of the barrels contained a semi-solid, powdery substance. In one location, a group of barrels were leaching a blackish liquid into the small stream that runs through the site. An orangish-red leachate was observed on one of the slopes, as well as a green leachate which had an oily sheen (See NWDO-DERR files for slides). Because of the strong possibility of hazardous wastes being present, and the fact that a release has been observed, a medium priority should be assigned to this site.

Todd Kelleher  
Division of Emergency  
and Remedial Response  
5/3/91

## CHECKLIST FOR PHASE I INTEGRATED SITE ASSESSMENT

**CONDITIONS WARRANTING A TIME-CRITICAL REMOVAL ACTION AS STATED IN 40 CFR 300.145 (b) (2):**

Check each box which may apply:

- ☐ Actual or potential exposure nearby human populations, animals, or the food chain from hazardous substances or pollutants or contaminants;
- ☐ Actual or potential contamination of drinking water supplies or sensitive ecosystems;
- ☐ Hazardous substances or pollutants or contaminants in drums, barrels, tanks, or other bulk storage containers, that may pose a threat of release;
- ☐ High levels of hazardous substances or pollutants or contaminants in soils largely at or near the surface, that may migrate;
- ☐ Weather conditions that may cause the hazardous substances or pollutants or contaminants to migrate or be released;
- ☐ Threat of fire or explosion;
- ☐ The availability of other appropriate federal or state response mechanisms to respond to the release; and
- ☐ Other situations or factors that may pose threats to public health or welfare or the environment.

**GENERAL:**

Land use within 1 mile: Residential, Commercial, industrial, rural  
Site operations: former City of Mansfield Dump  
Size of site: approximately 35 acres  
Visible soil types: sandy-silt  
Stressed vegetation: visible, confirmed in areas with visible contamination  
On-site animals: rabbits, deer observed  
Site recreational use: none observed  
Presence of humans on-site: composting facility and junkyard adjacent; none on-site

**GROUNDWATER:**

Release or potential to release: yes  
Nearest drinking water well: ~ 0.25 mile Depth to aquifer: unknown

**SURFACE WATER:**

Release or potential to release: observed release into nearby creek / tributary to Rocky Fork Creek  
Distance from site to nearest surface water body: 10 feet  
Distance from probable point of entry to intake: I unknown  
Population served by intake: undetermined  
Nearest fishery: 500 feet  
Nearest wetland: to be determined Nearest sensitive environment: to be determined

**DIRECT CONTACT:**

Visible Contamination (Soil): yes, drums containing powdery solids and leachate seeps are visible  
Are there any sensitive environments (ie: schools, daycare, nursing homes) within 200 ft.: no  
Are there any targets within 500 ft of the site: yes

**AIR PATHWAY:**

Evidence of odors, releases, or windblown particulates: no  
Any potential for release: yes, cap of landfill is insufficient  
Distance to nearest building: 500 feet

## CHECKLIST FOR PHASE I INTEGRATED SITE ASSESSMENT (PAGE 2)

**DRAFT**

<b>1. Physical States</b> (Enter all that apply by # in Column B)  1. Solid 2. Powder, fines 3. Sludge 4. Slurry 5. Liquid 6. Gas 7. Other _____	<b>2. Waste Characteristics</b> (Enter all that apply by Column C)  1. Toxic                      8. Ignitable 2. Corrosive                9. Highly Volatile 3. Radioactive            10. Explosive 4. Persistent            11. Reactive 5. Soluble                12. Incompatible 6. Infectious            13. Not Applicable 7. Flammable            N/A			<b>3. Treatment (if known)</b> (Enter all that apply by Column D)  1. Incineration 2. Underground Injection 3. Chemical/Physical 4. Biological 5. Waste Oil Processing 6. Solvent Recovery 7. Other Recycling Recovery 8. Other _____ (specify)	<b>4. Overall containment of wastes</b> (Enter letter that applies in Column G)  A. Adequate (Secure) B. Moderate C. Inadequate (Poor) D. Insecure (Unsound, Dangerous)		
<b>A</b> Source Type	<b>B</b> Enter #'s from Box 1	<b>C</b> Enter #'s from Box 2	<b>D</b> Enter #'s from Box 3	<b>E</b> Active/Inactive	<b>F</b> Quantity, Area or Volume (include units of measure)	<b>G</b> Overall Containment of Wastes	
Landfill	1,2,3,5	1,2,4,9	N/A	inactive	55 acres	C	
Drums							
Surface Impoundments							
Soil							
Tank/Non-Drum Containers							
Land Treatment/Landfarm							
Piles							
Fire/Burn Pits							
Other/Additional							

Comments: Landfill with exposed drums and leachate seeps. Mansfield is a heavily industrialized city, and this was its only landfill until the Richland County Landfill began operating circa 1969-1970. The only items not accepted by the landfill were sewage solids and junked automobiles. Aerial photo from 1966 show what appears to be a large drum disposal area at the site.

POPULATION	SENSITIVE ENVIRONMENTS	POPULATION ON GROUNDWATER (If evaluated)
On-site (include site workers) 0		not yet evaluated
0 - 1/4 mile 52		
> 1/4 mile - 1/2 mile 183		
> 1/2 mile - 1 mile 747	upland sandpiper	
> 1 mile - 2 miles 5124	long beach - fern	
> 2 miles - 3 miles 15031		
> 3 miles - 4 miles 24399	swamp cottonwood	

## U.S. EPA Region V RISE Information Form

(Rev. 2 2/94)

DATE: OCTOBER 26, 1995

OSC / phone #: \_\_\_\_\_

SAM / phone #: SONIA VEGA, 312-886-7191State Contact / phone #: BRUCE EVERETTS 217-524-1663

Other Contacts / phone #: \_\_\_\_\_

Who reported site: Enforcement Decision Group (IEPA)Site Name: Jo Daviess Farm ServiceCERCLIS ID No.: N.A.

Site Specific Spill ID No.: \_\_\_\_\_

Site Location: (address / city / county / state)

Intersection of Mississippi and Water StreetsGalena / Jo Daviess / IllinoisSite Owner Name and phone #: Jo Daviess Farm Service

Operation Status: Active \_\_\_\_\_

Inactive ✓Site Description: This site is a location of a coal gasification plant dating back to 1850's.Type of Operation and Wastes: There is documented gw contamination but no residential wells (surrounding the site) have been sampled.

## JUSTIFICATION FOR INITIATING ACTIVITY

Do You Suspect Resource Damage: Y N (If yes, list DNR, USFW Contact)

Anticipated Site Recon/Sampling Date: FALL 1995Anticipated Priority: High ✓ Low \_\_\_\_\_Is Site Assessment Involvement Needed: (Y) NIntegrated Assessment Needed: (Y) NRemediation Decision ( TC NTC NPL )

Date of Decision: \_\_\_\_\_

RISE Form Prepared by: BRUCE EVERETTSDate: 10-26-95Is a Removal Action Warranted: NOT SURE AT THIS TIME